

## EAST Search History

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| L5    | 542  | conical adj (slot or joggle or breadth or projection)  | US-PGPUB  | OR               | ON      | 2008/04/09 07:38 |
| L6    | 284  | (conical adj (slot or joggle or breadth or projection)) and (complement\$4 or mat\$3)              | US-PGPUB  | OR               | ON      | 2008/04/09 07:38 |
| L7    | 177  | (conical adj (slot or joggle or breadth or projection)) and (complement\$4 or mat\$3) and rotat\$3 | US-PGPUB  | OR               | ON      | 2008/04/09 07:39 |
| S1    | 772  | 403/353.ccls.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/12/17 09:10 |
| S2    | 373  | 403/364.ccls.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/12/14 09:16 |
| S3    | 371  | S2 not S1  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/12/14 09:16 |
| S4    | 628  | 403/381.ccls.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/12/14 09:32 |
| S5    | 594  | S4 not (S2 or S1)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/12/14 09:32 |
| S6    | 140  | 403/339.ccls.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/12/14 09:33 |

|     |     |   |   |    |     |                     |
|-----|-----|---|---|----|-----|---------------------|
| S7  | 129 | S6 not (S4 or S2 or S1)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/12/14<br>09:33 |
| S8  | 232 | 403/340.ccls.   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/12/14<br>09:33 |
| S9  | 203 | S8 not (S6 or S4 or S2 or S1)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/12/14<br>09:33 |
| S10 | 6   | ((("3825360") or ("5588240")).PN.   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/12/14<br>10:22 |
| S11 | 2   | fr-2815678-\$.did.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/12/14<br>10:24 |
| S12 | 1   | su-1624218-\$.did.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/12/14<br>10:26 |
| S13 | 1   | ru-2063158-\$.did.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/12/14<br>10:26 |
| S14 | 6   | ("3351366"  <br>"5181297"  <br>"5183278"  <br>"5765707"  <br>"5772038").PN. OR<br>("7093999").URPN. | US-PGPUB;<br>USPAT; USOCR                                     | OR | ON  | 2007/12/14<br>10:27 |

|     |    |   |                           |    |    |                     |
|-----|----|---|---------------------------|----|----|---------------------|
| S15 | 45 | ("1110093"<br>"1813873"<br>"2082792"<br>"3332197"<br>"3571999"<br>"3589046"<br>"3626653"<br>"3717377"<br>"3819188"<br>"3837721"<br>"4055019"<br>"4087949"<br>"4104885"<br>"4147198"<br>"4194313"<br>"4372086"<br>"4556253"<br>"4785565"<br>"4827690"<br>"4902259"<br>"4961299"<br>"4989390"<br>"5070665"<br>"5107652"<br>"5183430"<br>"5215490"<br>"5364311"<br>"5464302"<br>"5524410"<br>"5570971"<br>"5604949"<br>"5660119"<br>"5681641"<br>"5848512"<br>"5862642"<br>"5960848"<br>"5992071"<br>"6109329"<br>"6112474").PN. OR<br>("6453973").URPN. | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2007/12/14<br>10:30 |
|-----|----|---|---------------------------|----|----|---------------------|

|     |    |  |                           |    |    |                     |
|-----|----|--|---------------------------|----|----|---------------------|
| S16 | 19 | ("0147710"  <br>"0470291"  <br>"0634369"  <br>"1370457"  <br>"2733830"  <br>"3005228"  <br>"3325855"  <br>"3866793"  <br>"5070577"  <br>"5341983"  <br>"5398870"  <br>"D374555").PN. OR<br>("5940935").URPN. | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2007/12/14<br>10:34 |
| S17 | 13 | ("3253842").URPN.  | USPAT                     | OR | ON | 2007/12/14<br>10:47 |
| S18 | 9  | ("757812").URPN.   | USPAT                     | OR | ON | 2007/12/14<br>10:48 |
| S19 | 23 | ("1122350"  <br>"2004193"  <br>"2544983"  <br>"2691242"  <br>"3422588"  <br>"3442311"  <br>"3499254"  <br>"3692201"  <br>"4173287").PN. OR<br>("5357728").URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2007/12/14<br>10:50 |
| S20 | 23 | ("0435759").PN.<br>OR ("3591212").<br>URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2007/12/14<br>10:59 |
| S21 | 27 | ("1655766"  <br>"2277281"  <br>"2520221"  <br>"2648543"  <br>"3091844"  <br>"3104888"  <br>"3355196").PN. OR<br>("3825360").URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2007/12/14<br>11:01 |
| S22 | 19 | ("4583640"  <br>"5310076"  <br>"5547082").PN. OR<br>("5772038").URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2007/12/14<br>11:02 |

|     |     |   |   |    |    |                     |
|-----|-----|---|---|----|----|---------------------|
| S23 | 23  | ("2549509"  <br>"3144951"  <br>"3266656"  <br>"3692201"  <br>"3796339"  <br>"4228897"  <br>"4253570"  <br>"4703866"  <br>"5279436"  <br>"5413326"  <br>"5529199").FN. OR<br>("5765707").URPN. | US-PGPUB;<br>USPAT; USOCR                                     | OR | ON | 2007/12/14<br>11:03 |
| S24 | 6   | ("0757812"  <br>"4015706").FN. OR<br>("4541525").URPN.  | US-PGPUB;<br>USPAT; USOCR                                     | OR | ON | 2007/12/14<br>11:04 |
| S25 | 144 | 52/590.2.ccls.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/14<br>11:35 |
| S26 | 136 | 52/592.2.ccls.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/14<br>11:35 |
| S27 | 120 | S26 not S25   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/14<br>11:35 |
| S28 | 755 | 52/592.1.ccls.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/14<br>11:35 |
| S29 | 706 | S28 not (S26 or<br>S25)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/14<br>11:35 |

|     |    |  |                           |    |    |                     |
|-----|----|--|---------------------------|----|----|---------------------|
| S30 | 23 | ("2549509"  <br>"3144951"  <br>"3266656"  <br>"3692201"  <br>"3796339"  <br>"4228897"  <br>"4253570"  <br>"4703866"  <br>"5279436"  <br>"5413326"  <br>"5529199").PN. OR<br>("5765707").URPN.                | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2007/12/14<br>13:25 |
| S31 | 19 | ("4583640"  <br>"5310076"  <br>"5547082").PN. OR<br>("5772038").URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2007/12/14<br>13:29 |
| S32 | 23 | ("0435759").PN.<br>OR ("3591212").<br>URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2007/12/14<br>13:39 |
| S33 | 22 | ("3673723"  <br>"4319419"  <br>"4432152"  <br>"4529385"  <br>"4532727"  <br>"4608770"  <br>"4912863"  <br>"5190287").PN. OR<br>("5588240").URPN.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2007/12/14<br>13:41 |
| S34 | 19 | ("0147710"  <br>"0470291"  <br>"0634369"  <br>"1370457"  <br>"2733830"  <br>"3005228"  <br>"3325855"  <br>"3866793"  <br>"5070577"  <br>"5341983"  <br>"5398870"  <br>"D374555").PN. OR<br>("5940935").URPN. | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2007/12/14<br>13:45 |
| S35 | 13 | ("3253842").URPN.  | USPAT                     | OR | ON | 2007/12/14<br>13:50 |

|     |    |   |   |    |    |                     |
|-----|----|---|---|----|----|---------------------|
| S36 | 64 | ("0016557"  <br>"0435759"  <br>"0517348"  <br>"0637212"  <br>"0661542"  <br>"0671954"  <br>"0776942"  <br>"0944489"  <br>"1052600"  <br>"1067910"  <br>"1122350"  <br>"1245240"  <br>"1424481"  <br>"2496184"  <br>"2520221"  <br>"3078888"  <br>"3090086"  <br>"3232327"  <br>"3591212"  <br>"3692201"  <br>"4025215"  <br>"4128119"  <br>"4168730"  <br>"4173287"  <br>"4428408"  <br>"4607673"  <br>"4632159"  <br>"4809755"  <br>"4875510").PN. OR<br>("5114265").URPN. | US-PGPUB;<br>USPAT; USOCR                                     | OR | ON | 2007/12/14<br>13:50 |
| S37 | 19 | ("4607673"  <br>"4781230"  <br>"4993465"  <br>"5038841"  <br>"5048580"  <br>"5114265"  <br>"5203389"  <br>"5215134"  <br>"5305812"  <br>"5305819"  <br>"5318082"  <br>"5360463"  <br>"5423357"  <br>"5507331"  <br>"5598878").PN. OR<br>("5682935").URPN.   | US-PGPUB;<br>USPAT; USOCR                                     | OR | ON | 2007/12/14<br>13:54 |
| S38 | 0  | WO-03067099-\$.<br>did.   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/14<br>14:42 |

|     |    |   |   |    |    |                     |
|-----|----|---|---|----|----|---------------------|
| S39 | 1  | WO-3067099-\$.did.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/14<br>14:45 |
| S40 | 0  | fr-670408-\$.did.   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/14<br>14:45 |
| S41 | 0  | fr-0670408-\$.did.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/14<br>14:45 |
| S42 | 0  | ep-0325528-\$.did.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/14<br>14:46 |
| S43 | 2  | ep-325528-\$.did.   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/14<br>14:46 |
| S44 | 53 | 24/405.ccls.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/17<br>09:11 |
| S45 | 43 | 24/409.ccls.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/17<br>09:10 |
| S46 | 39 | S45 not S44   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/17<br>09:10 |
| S47 | 5  | ("2862272"  <br>"3055069"  <br>"4349943").PN. OR<br>("4513483").URPN. | US-PGPUB;<br>USPAT; USOCR                                     | OR | ON | 2007/12/17<br>09:32 |



|     |     |                |   |    |    |                     |
|-----|-----|----------------|---|----|----|---------------------|
| S48 | 776 | 403/353.ccls.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/04/07<br>10:32 |
| S49 | 374 | 403/364.ccls.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/04/07<br>10:37 |
| S50 | 632 | 403/381.ccls.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/04/07<br>10:42 |
| S51 | 140 | 403/339.ccls.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/04/07<br>10:42 |
| S52 | 232 | 403/340.ccls.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/04/07<br>10:43 |
| S53 | 55  | 24/405.ccls.   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/04/07<br>10:43 |
| S54 | 43  | 24/409.ccls.   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/04/07<br>10:44 |
| S55 | 144 | 52/590.2.ccls. | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/04/07<br>10:45 |
| S56 | 761 | 52/592.1.ccls. | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/04/07<br>10:45 |

|     |     |                |   |    |    |                     |
|-----|-----|----------------|---|----|----|---------------------|
| S57 | 136 | 52/592.2.ccls. | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/04/07<br>10:46 |
|-----|-----|----------------|---|----|----|---------------------|

4/ 9/ 2008 7:41:19 AM

C:\Documents and Settings\mferguson1\My Documents\EAST\Workspaces\10585776.  
wsp